

AD/TD Joint Projects Meeting
Wednesday, 05 May 2005, 1:15 PM
Club 157, Trailer 157

Present: Dave Harding, Peter Garbincius, TJ Gardner (scribe), Jeff Spalding, John Zweibohmer

Review of Tasks and Priorities

OrBump #203

ORB001 was overheated during DC testing at the Magnet Test Facility. Work to repair is underway. ORB002 is complete to current drawings and is being tested at low voltage. A water cooled power lead has been designed and successfully introduced into the next conductor assembly. All remaining conductor assemblies are being reworked and ORB002 will also be reworked when testing is completed. Simulations toward minimizing the quadrupole field continues. Approval was given to assemble ORB003 while leaving the end vacuum plates off to enable actual experimentation of the simulations.

Booster Kicker #364

The ceramic beam tube order is awarded and the mandrel order is about to be placed. The balance of magnet drawings has been released with minimal tooling parts yet to be designed (potting end plates...).

WQB #295

WQB001 has all four cores assembled and the four coil assemblies await epoxy impregnation (a significant project milestone). The star shaped beam tube tooling which allows swaging back to round at the flange ends is being made at VMS, following the successful swaging of a 4Q-120 sample tube.

Debuncher Kicker #225

The beam tube mandrel was received and inspected. This has been shipped for the casting of the 15 ceramic tubes.

Debuncher aperture restriction #204

Documentation is complete and was turned over to **Keith Gollwitzer**.

2-m Solenoid #342

The outer shells are available from being reworked. Assembly and potting is being scheduled around the WQB coils and LEP corrector coils.

H-spools #368

We have been given approval to proceed with construction of an H-spool with HTS leads. We are currently reviewing inventory of component parts.

6-3-120 failures (#375 general maintenance)

We are preparing a proposal for some form of strain relief which can be retrofit on the magnets currently in service and magnets staged for future service.

Next Meeting: 25 May 2005, 1:15 PM
Club 157 in Trailer 157